

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1271	429/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/25 09:37
L2	822	429/23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/25 09:38
L3	193	429/180.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/25 09:38
L4	965116	fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/25 09:38
L5	1221	1 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:38
L6	297614	current near7 detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:39
L7	169860	(dc or dc-dc or voltage) near5 converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:39

## EAST Search History

L10	9435	6 same 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:44
L11	436677	current near7 (detect\$3 or sens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:44
L12	15419	7 same 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:45
L13	4	1 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:45
L14	38	2 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:45
L15	0	3 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:45
L16	395	Aso, Takeshi	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:57

## EAST Search History

L17	39	fuel 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:57
L18	49968	open\$1 near5 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:58
L19	2	17 18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 09:58
L20	12	"6580977"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 10:02
L21	561	318/812.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 10:03
L22	1583	318/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 10:03
L23	8	4 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 10:03

## EAST Search History

L24	296	4 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 10:03
L25	20	(US-20050040786-\$ or US-20040076860-\$ or US-20070088468-\$ or US-20040175598-\$ or US-20050198963-\$ or US-20020016662-\$ or US-20040214054-\$ or US-20040214061-\$).did. or (US-7129674-\$ or US-7099787-\$ or US-7000395-\$ or US-6590370-\$ or US-5929594-\$ or US-4839574-\$ or US-5821756-\$ or US-7087332-\$ or US-6656618-\$ or US-6953100-\$). did. or (JP-2002334712-\$ or JP-2004327102-\$).did.	US-PGPUB; USPAT; JPO	AND	ON	2007/06/25 10:42
L26	5	regenerat\$3 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 10:43
L27	304802	intermitt\$3 or ((stop\$4 or start\$3) near10 fuel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 11:08
L28	12	25 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 11:08
L29	8181	demand near8 exceed\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 11:27

## EAST Search History

L30	0	25 29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 11:27
L31	6	demand 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/25 11:28
S1	328	320/101.ccls.	USPAT	OR	OFF	2007/06/08 17:09
S2	533	320/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:10
S3	381	320/104.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:10
S4	115	320/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:11
S5	214	320/138.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:11
S6	1199	S2 S3 S4 S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:11

## EAST Search History

S7	938412	fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:11
S8	791093	converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:12
S9	344799	current near4 (detect\$3 or sens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 17:12
S10	596	S7 S8 S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:12
S11	15	S6 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:12
S12	378	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:32
S13	2116	power same correct\$3 same (current with "0")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:48

## EAST Search History

S14	4	S10 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:48
S15	43174	power same correct\$3 same current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:50
S16	48	S10 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:50
S17	2922036	(vehicle or car or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:52
S18	22	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 17:52
S21	15452	open\$2 near5 circuit\$2 near5 voltage	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:25
S22	741	S8 same S21	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:26
S23	87	S7 and S22	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:26
S24	39	S7 same S22	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:26
S25	24	S17 and S24	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:26
S26	1435902	offset or correct\$3	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:28
S27	643	S26 same S21	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:28

## EAST Search History

S28	96	S7 and S27	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:29
S29	37	S8 same S27	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:29
S30	8	S29 and S17	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:29
S31	4	S29 and S7	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:32
S32	68073	(determin\$3 or detect\$3 or measur\$3 or calculat\$3) near8 off\$set	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:35
S33	13	S10 and S32	US-PGPUB; USPAT	OR	OFF	2007/06/08 18:36
S34	0	"200710077467"	USPAT	OR	OFF	2007/06/08 18:38
S35	1306428	error	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:10
S36	4051657	"10" and "34"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:10
S37	938412	fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 19:10
S38	791093	converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 19:10
S39	344799	current near4 (detect\$3 or sens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 19:10



## EAST Search History

S40	596	S37 S38 S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 19:10
S41	0	"200710077467"	USPAT	OR	OFF	2007/06/08 19:10
S42	0	S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:10
S43	179	S40 S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:11
S44	48809	open circuit voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 19:11
S45	18	S43 S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:11
S46	2	("20060102397").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:17
S47	2	de "10233821"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 19:19

## EAST Search History

S48	1266	429/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 20:44
S49	817	429/23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 20:44
S50	193	429/180.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 20:44
S51	2188	S48 or S49 or S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 20:45
S52	25085	fuel same converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 20:45
S53	434	S51 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/08 20:45
S54	344799	current near4 (detect\$3 or sens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 20:46

## EAST Search History

S55	130	S53 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:46
S56	606	S52 same S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:47
S57	46	S51 S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:47
S58	3393621	(correct\$3 or offset or error)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:47
S59	21	S57 S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:48
S60	938412	fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 20:51
S61	791093	converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 20:51

## EAST Search History

S62	596	S60 S61 S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/08 20:51
S63	596	S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:51
S64	3273	(rais\$3 or step\$up or increas\$3) near3 voltage with correct\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:52
S65	7	S63 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:54
S66	2	"2004327102"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 20:56
S67	3	"2002334712"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 21:10
S68	4	"200012059"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 21:54

## EAST Search History

S69	4	"2000012059"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 21:54
S70	6	"6656618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 21:56
S71	3	2003-295575	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 22:04
S72	3	"2003295575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 22:04
S73	0	"20030295575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/08 22:05
S74	939052	fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 16:31
S75	791445	converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 16:31

## EAST Search History

S76	344928	current near4 (detect\$3 or sens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/11 16:31
S77	596	S74 S75 S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/11 16:31
S78	596	S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/11 16:31
S79	1745626	(open circuit voltage) or ocr or (open\$circuit\$voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/11 16:36
S80	34	S78 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2007/06/11 16:37
S81	157038	exceed\$3 near6 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/11 16:49

## EAST Search History

S82	16	(US-20050040786-\$ or US-20040076860-\$ or US-20070088468-\$ or US-20040175598-\$ or US-20050198963-\$).did. or (US-7129674-\$ or US-7099787-\$ or US-7000395-\$ or US-6590370-\$ or US-5929594-\$ or US-4839574-\$ or US-5821756-\$ or US-7087332-\$ or US-6656618-\$).did. or (JP-2002334712-\$ or JP-2004327102-\$).did.	US-PGPUB; USPAT; JPO	AND	ON	2007/06/11 16:49
S83	2	S81 S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/11 16:49
S84	2	de "10233821"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/11 16:58
S85	5526	(vehicle or car or automobile) fuel converter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/24 21:22
S86	129579	current near8 (error or offset or off-set or correct\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/24 21:22
S87	11	S85 same S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/24 21:23

## EAST Search History

S88	5	"2006048483"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	OFF	2007/06/24 21:29
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